



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)

BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208

Miami, Florida 33175-2474

T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/pera](http://www.miamidade.gov/pera)

**New Age Windows & Doors Corporation**

**7196 NW 77 Terrace**

**Medley, FL 33166**

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "100" Aluminum Single Hung Window - N.I.

**APPROVAL DOCUMENT:** Drawing No. **W95-45**, titled "Series 100 Aluminum Single Hung Wdw. (N.I.)", sheets 1 through 4 of 4, dated 10/17/95, with revision G dated 04/10/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: None

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** NOA# **07-0919.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



*Handwritten signature and date:*  
7/13/12

**NOA No. 12-0419.03**

**Expiration Date: September 26, 2017**

**Approval Date: July 26, 2012**

**Page 1**

**New Age Windows & Doors Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **W95-45**, titled "Series 100 Aluminum Single Hung Wdw. (N.I.)", sheets 1 through 4 of 4, dated 10/17/95, with revision G dated 04/10/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS**

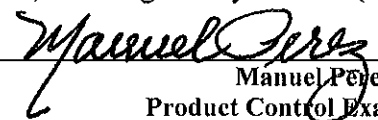
1. Test reports on: 1) Air Infiltration Test, 202-94  
2) Uniform Static Air Pressure Test, 202-94  
3) Water Resistance Test, 202-94  
4) Forced Entry Test, 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-6794** dated 03/12/12, signed and sealed by Marlin D. Brinson, P.E.
2. Test reports on: 1) Air Infiltration Test, 202-94  
2) Uniform Static Air Pressure Test, 202-94  
3) Water Resistance Test, 202-94  
4) Forced Entry Test, 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5219** dated 05/25/07, signed and sealed by Michael Wenzel, P.E.  
*(Submitted under NOA# 07-0919.01)*
3. Test reports on: 1) Air Infiltration Test, 202-94  
2) Uniform Static Air Pressure Test, 202-94  
3) Water Resistance Test, 202-94  
4) Forced Entry Test, 202-94  
along with marked-up drawings and installation diagram of an aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-1804** dated 12/22/97, signed and sealed by Gilbert Diamond, P.E.  
*(Submitted under NOA# 02-0801.02)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al-Farooq Corporation, dated 04/09/12, signed and sealed by Javad Ahmad, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0419.03  
Expiration Date: September 26, 2017  
Approval Date: July 26, 2012

**New Age Windows & Doors Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

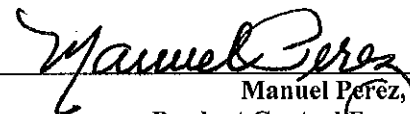
1. None.

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated April 09, 2012, submitted by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of addendum by Fenestration Testing Laboratory, Inc., for Test Report No. **FTL-1804**, dated September 28, 1998, signed and sealed by Gilbert Diamond, P.E.  
*(Submitted under NOA# 02-0801.02)*

**G. OTHER**

1. Notice of Acceptance No. **07-0919.01**, issued to New Age Windows & Doors Corporation for their Series "100" Aluminum Single Hung Window – N.I.", approved on 12/13/07 and expiring on 09/26/12.

  
Manuel Pérez, P.E.

Product Control Examiner

NOA No. 12-0419.03

Expiration Date: September 26, 2017

Approval Date: July 26, 2012

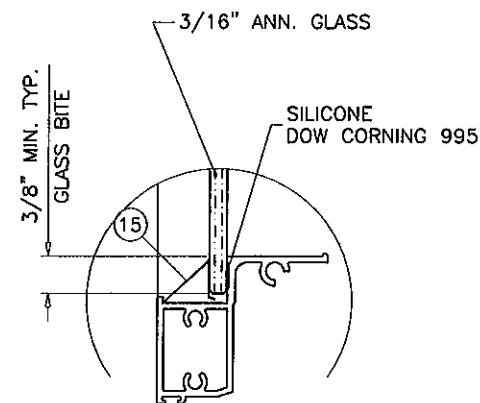
DESIGN LOAD CAPACITY - PSF ANCHORS TYPE 'A'			
WINDOW DIMS.		3/16" ANN. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	125.0
42"		66.7	112.3
48"		66.7	94.9
53-1/8"		66.7	83.8
19-1/8"	38-3/8"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	119.8
37"		66.7	101.1
42"		66.7	84.0
48"		66.7	69.9
53-1/8"		61.1	61.1
19-1/8"	50-5/8"	66.7	125.0
26-1/2"		66.7	120.6
32"		66.7	105.7
37"		66.7	87.5
42"		66.7	71.0
48"		57.9	57.9
53-1/8"		50.1	50.1
19-1/8"	56"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	111.4
37"		66.7	84.3
42"		66.7	67.6
48"		54.6	54.6
53-1/8"		46.9	46.9
19-1/8"	63"	66.7	125.0
26-1/2"		66.7	108.8
32"		66.7	95.4
37"		66.7	82.0
42"		64.6	64.6
48"		51.4	51.4
53-1/8"		43.8	43.8
19-1/8"	74-1/4"	66.7	125.0
26-1/2"		66.7	103.5
32"		66.7	89.8
37"		66.7	80.9
42"		62.2	62.2
48"		48.3	48.3
53-1/8"		40.5	40.5

( ) NO. IN PARENTHESIS INDICATE  
NO. OF ANCHORS PER JAMB

DESIGN LOAD CAPACITY - PSF ANCHORS TYPE 'B'			
WINDOW DIMS.		3/16" ANN. GLASS	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	125.0
42"		66.7	125.0
48"		66.7	118.9
53-1/8"		66.7	105.8
19-1/8"	38-3/8"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	122.0
42"		66.7	103.2
48"		66.7	87.1
53-1/8"		66.7	76.8
19-1/8"	50-5/8"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	125.0
37"		66.7	104.1
42"		66.7	86.4
48"		66.7	71.7
53-1/8"		62.6	62.6
19-1/8"	56"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	124.2
37"		66.7	99.6
42"		66.7	81.8
48"		66.7	67.4
53-1/8"		58.6	58.6
19-1/8"	63"	66.7	125.0
26-1/2"		66.7	125.0
32"		66.7	108.4
37"		66.7	95.8
42"		66.7	77.6
48"		63.2	63.2
53-1/8"		54.5	54.5
19-1/8"	74-1/4"	66.7	125.0
26-1/2"		66.7	111.5
32"		66.7	94.3
37"		66.7	80.9
42"		66.7	73.7
48"		58.7	58.7
53-1/8"		50.0	50.0

( ) NO. IN PARENTHESIS INDICATE  
NO. OF ANCHORS PER JAMB

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



TYP. GLAZING DETAIL

### SERIES 100 ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER  
CHARTS SHOWN.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE  
COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER  
WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING  
MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.  
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL  
WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY  
HURRICANE ZONE (HVHZ).

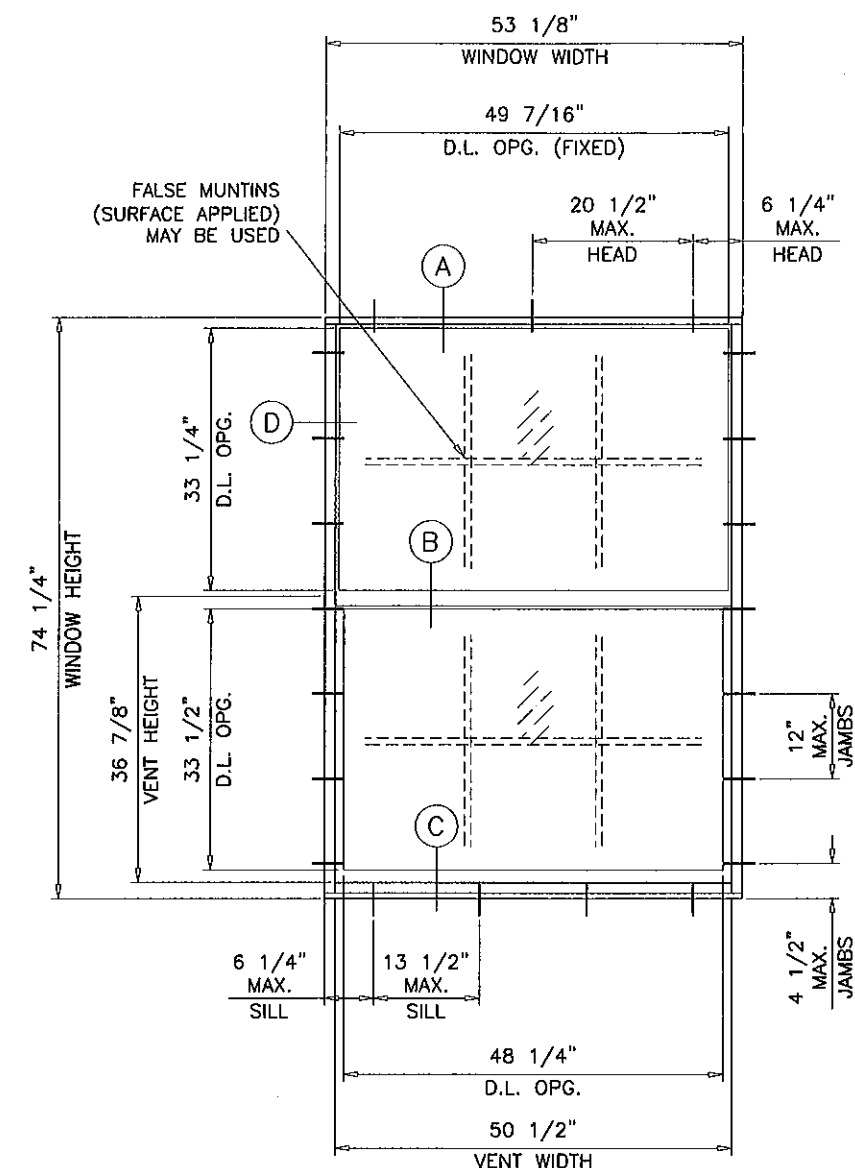
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER  
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS  
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE  
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATION

WINDOWS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE  
USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES  
COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET  
THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

MONOLITHIC GLASS  
NON-IMPACT

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE. # 70592  
C.A.N. 3538

PRODUCT REVISED  
as complying with the Florida  
Building Code  
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Expiration Date Sept. 26, 2017

By *Manuel Lopez*  
Miami Dade Product Control

APR 12 2012

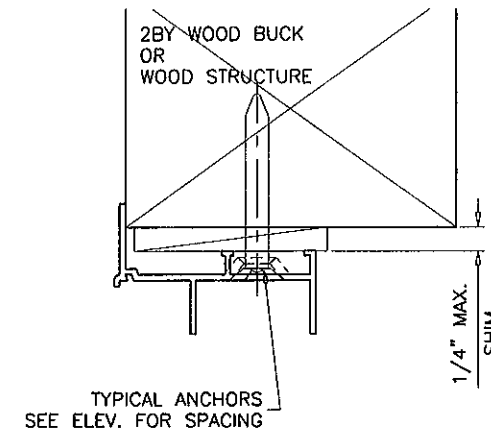
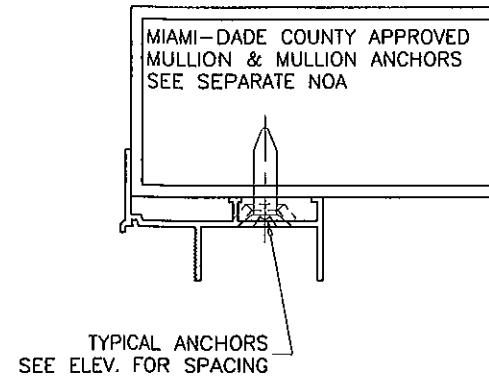
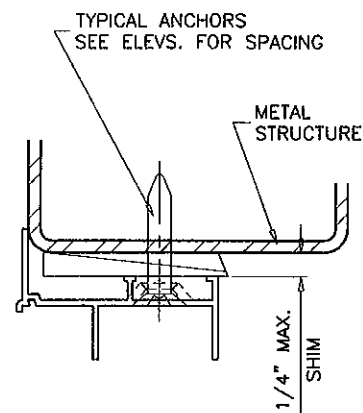
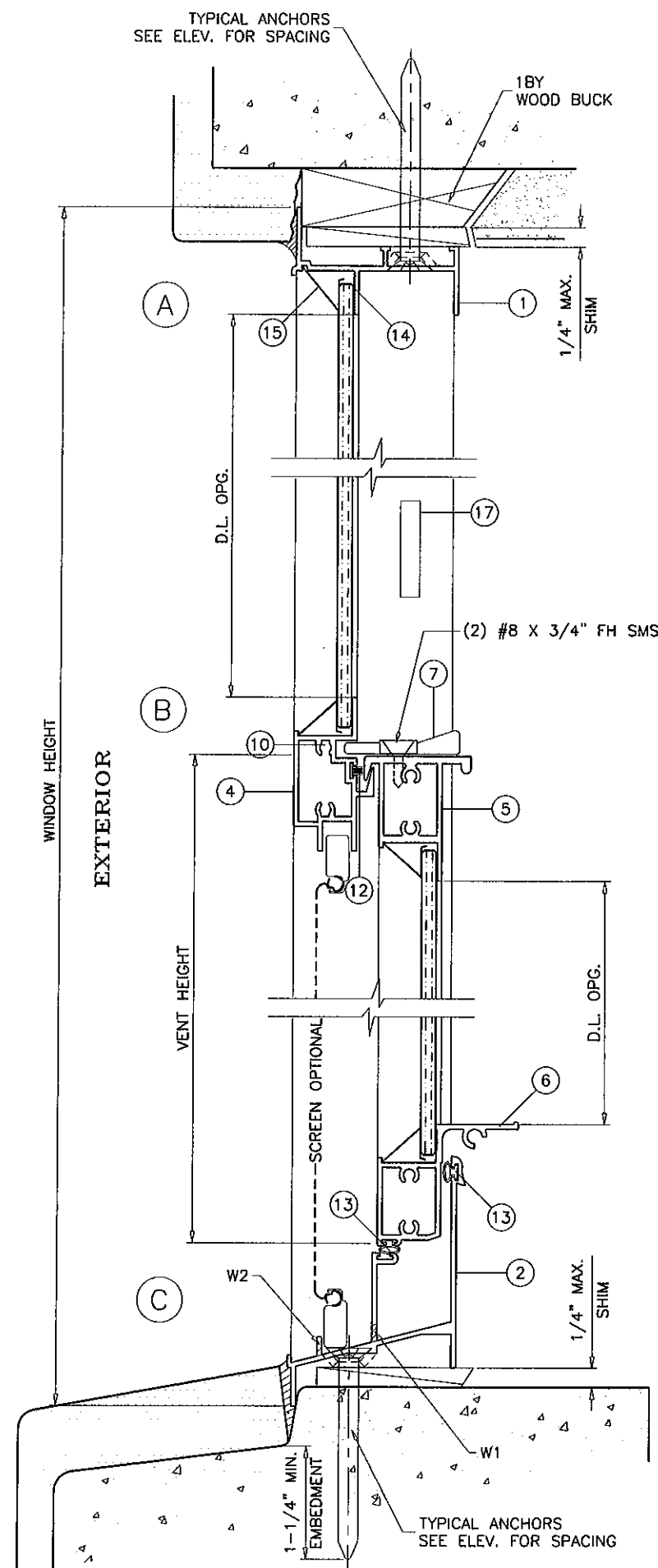
**af c**  
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL W95-45NA

SERIES 100 ALUMINUM SINGLE HUNG WDW. (N.I.)  
**NEW AGE WINDOWS & DOORS**  
7196 N.W. 77TH TERRACE  
MEDLEY, FL. 33166  
TEL. (305) 889-0703 FAX. (305) 889-0710

no	date	by	description
D	06.08.07	H	UPDATED FOR 2004 FBC
E	10.22.07	H	REV. PER BECCO COMMENTS
F	10.29.07	H	NO CHANGE THIS SHEET
G	04.10.12	H	UPDATED TO 2010 FBC

date: 10-17-95  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W95-45**  
sheet 1 of 4



WOOD BUCKS AND METAL STRUCTURE NOT BY NEW AGE MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING AND CHART ON SHEET 1 FOR CAPACITY

**ANCHORS TYPE 'A'**

**1/4" DIA. ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**ANCHORS TYPE 'B'**

**5/16" DIA. ULTRACON BY 'ELCO'** (Fu=177 KSI, Fy=155 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD  
 THRU 1BY BUCKS INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY  
 DIRECTLY INTO CONC. OR MASONRY  
 1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS**

INTO METAL STRUCTURES  
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)  
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**#12 SMS OR SELF DRILLING SCREWS**

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")  
 (NO SHIM SPACE)

**ANCHORS EDGE DISTANCES**

INTO CONCRETE AND MASONRY = 1-3/4" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 1/2" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**SEALANTS:**

FRAME CORNERS AND INSTALLATION SCREWS SEALED WITH SEAM SEALER. FIXED MEETING RAIL SEAMS SEALED WITH SILICONE.

**WEEPHOLES:**

W1 = 1/2" X 1/4" WEEP HOLE AT 2-3/8" FROM EACH END  
 W2 = 1/2" LONG NOTCH AT EACH END

Engr: JAVAD AHMAD  
 CIVIL  
 FLA. PE # 70592  
 C.A.N. 3538

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 By *Manuel Perez*  
 Miami Made Product Control

APR 12 2012  
 APR 19 2012

**AL-FAROOQ CORPORATION**  
 ENGINEERS & PRODUCT DEVELOPMENT  
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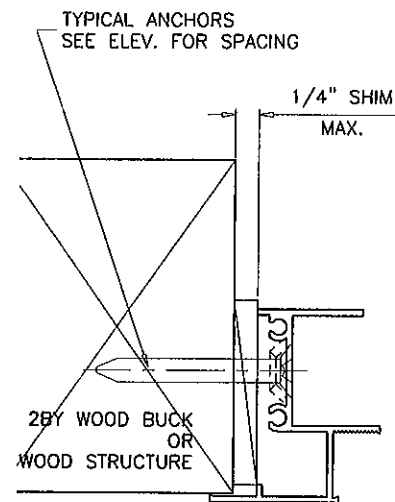
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Revisions:	
no	date by description
D	06.08.07 JAVAD AHMAD UPDATED FOR 2004 FBC
E	10.22.07 H REV. PER SCCO COMMENTS
F	10.29.07 H ANCHOR EMBED ADDED
G	04.10.12 H UPDATED TO 2010 FBC

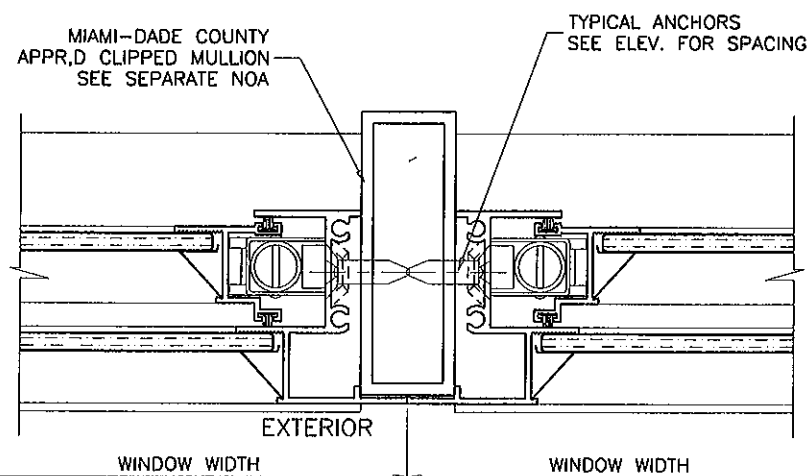
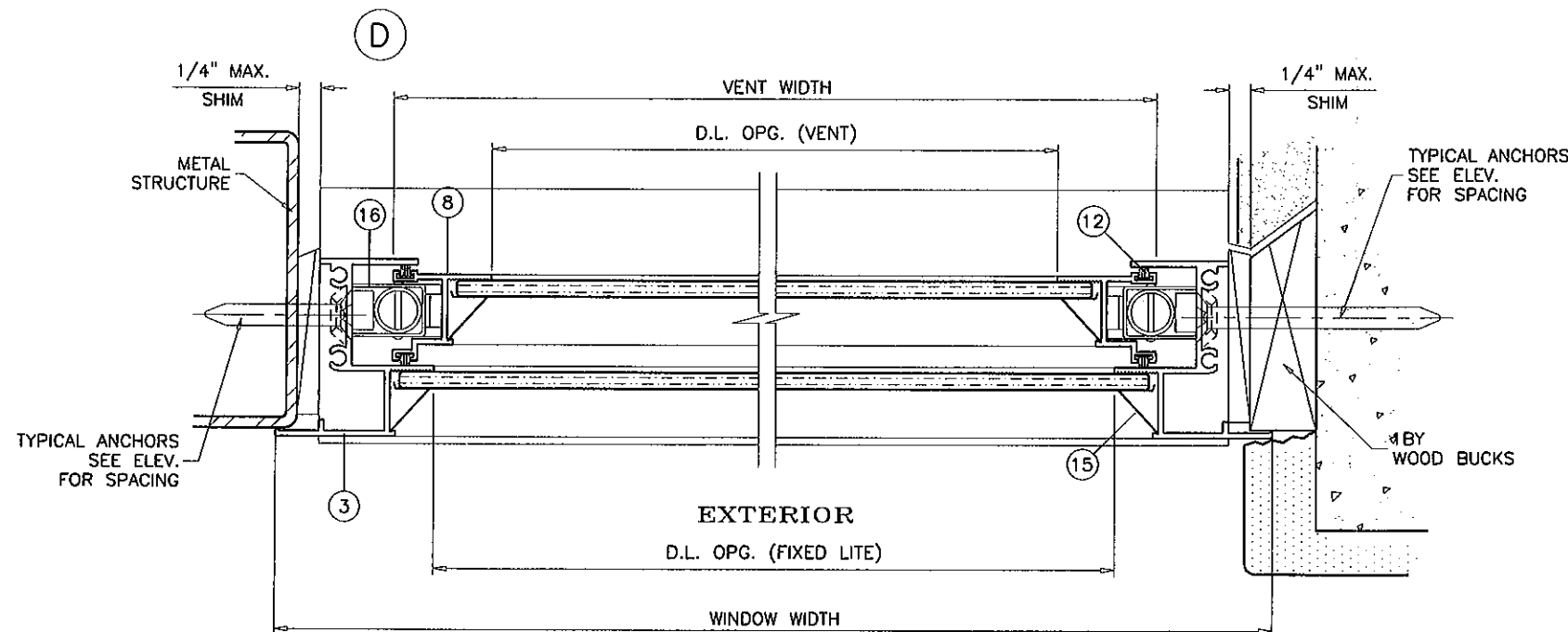
date: 10-17-95  
 scale: 1/2"=1'-0"  
 dr. by:  
 chk. by:

drawing no.  
**W95-45**

sheet 2 of 4



ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	BA-4573	1	FRAME HEAD	6063-T6	-
2	NEWA-32	1	FRAME SILL	6063-T5	-
3	BA-4386	2	FRAME JAMB	6063-T5	-
4	SW-41673	1	MEETING RAIL	6063-T5	-
5	BA-4638	1	VENT TOP RAIL	6063-T5	-
6	BA-4764	1	VENT BOTTOM RAIL	6063-T6	-
7	-	2/VENT	SWEEP LATCH	ZAMAK	AT 8-1/4" FROM EACH END
8	BA-4425	2/ VENT	VENT SIDE RAIL	6063-T5	-
9	-	2/ CORNER	FRAME ASSEMBLY SCREWS	-	#8 X 1" P.H. SMS
10	-	2/ CORNER	VENT ASSEMBLY SCREWS	-	#8 X 1" P.H. SMS
11	-	-	-	-	-
12	-	AS REQD.	FIN SEAL PILE (.187 X .250)	-	ULTRAFAB
13	FP-389-AW	AS REQD.	BULB WEATHER STRIP (.185 X .250)	VINYL	PROTOTYPE PLASTICS
14	860	AS REQD.	BACK BEDDING	SILICONE	PECORA CORP.
15	-	AS REQD.	GLAZING BEAD	ALUMINUM	ROLL FORMED
16	3530	2	BLOCK & TACKLE BALANCE	2	5/8" BOX, WINDOW COMPONENTS
17	-	2	TAKE OUT CLIP AT ±3" FROM TOP RAIL	STEEL	AT EACH JAMB



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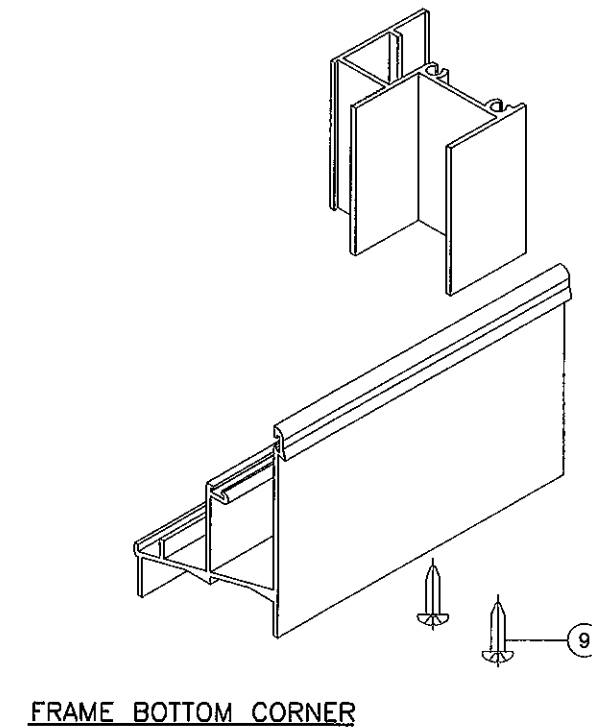
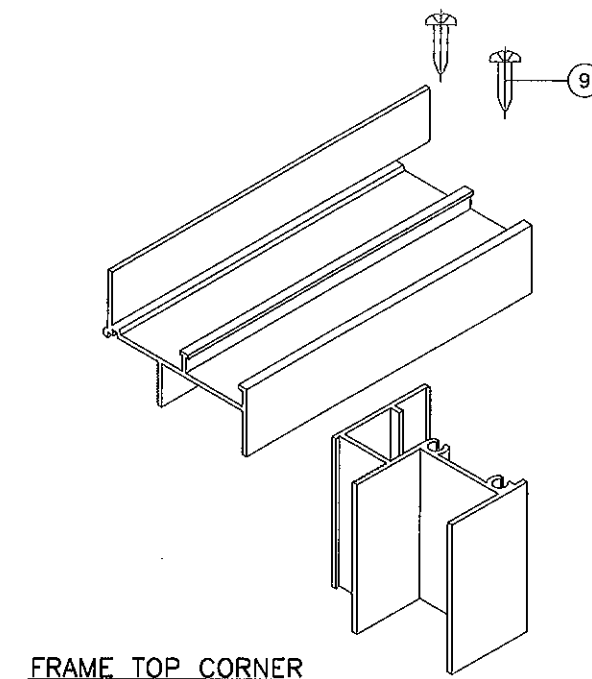
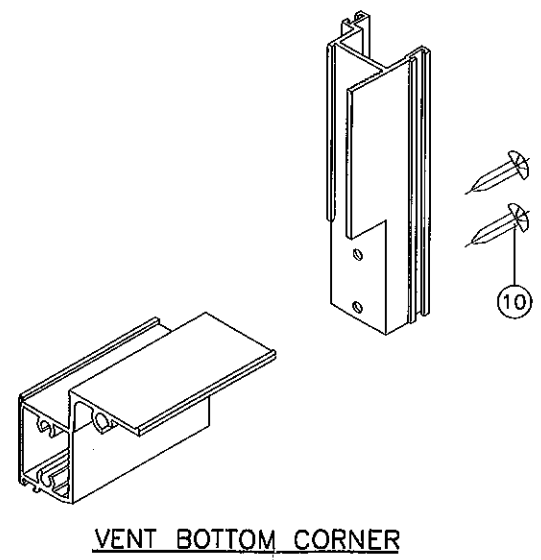
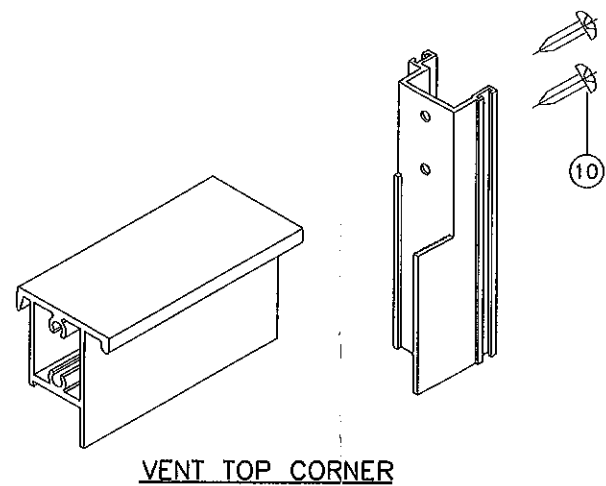
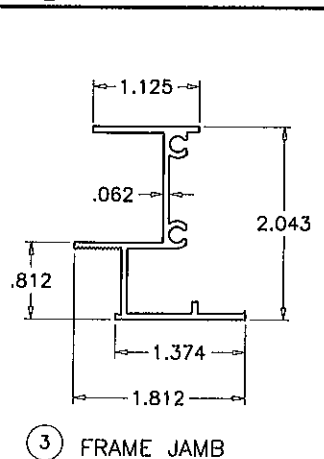
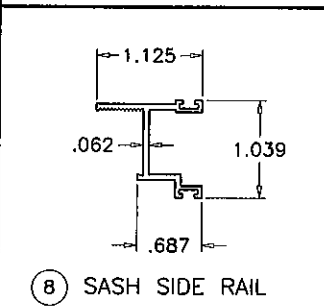
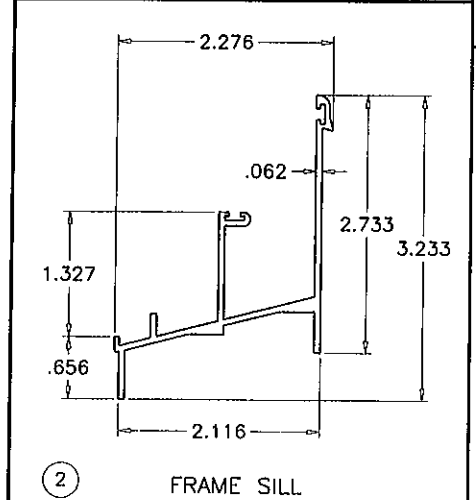
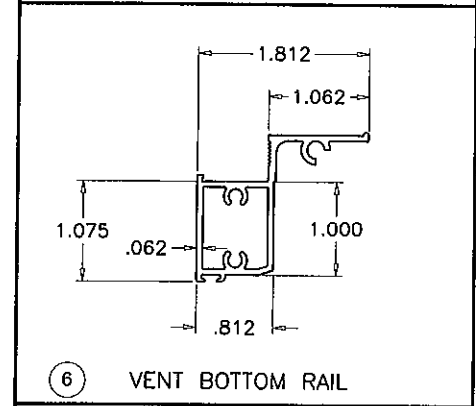
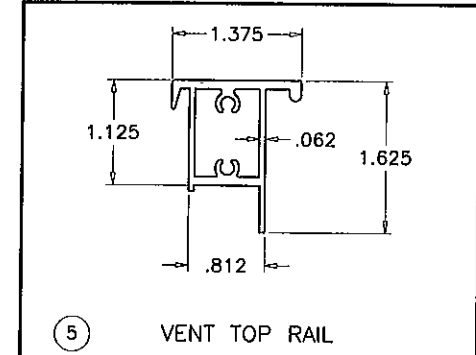
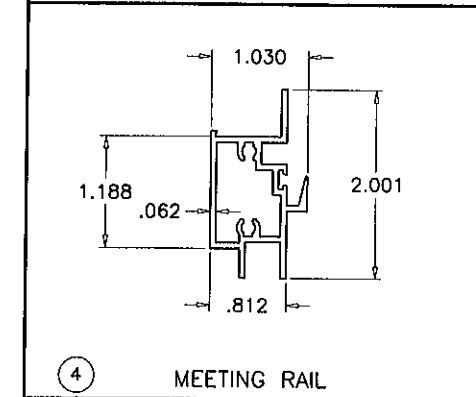
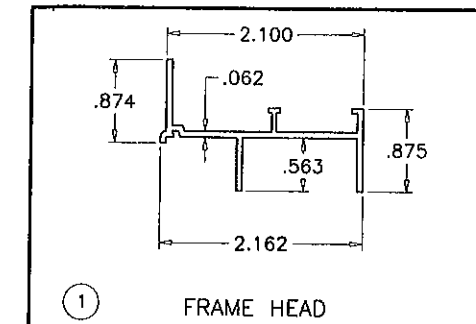
By *Manuel Perez*  
Miami-Dade Product Control

SERIES 100 ALUMINUM SINGLE HUNG WDW. (N.I.)  
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7196 N.W. 77TH TERRACE  
MEDLEY, FL. 33166  
TEL. (305) 889-0703 FAX. (305) 889-0710

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
12335 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP-ANL\W95-45NA

revisions:	no	date	by	description
	D	06.08.07	H	UPDATED FOR 2004 FBC
	E	10.22.07	H	NO CHANGE THIS SHEET
	F	10.29.07	H	NO CHANGE THIS SHEET
	G	04.10.12	H	NO CHANGE THIS SHEET

date: 10-17-95	scale: 1/2"=1'-0"	dr. by:	chk. by:
drawing no. W95-45			
sheet 3 of 4			



Engr: JAVAD AHMAD  
CIVIL  
FLA. PE. # 70592  
C.A.N. 3538

APR 12 2012

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0419.03  
Expiration Date Sept. 26, 2017  
By *Manuel Diaz*  
Miami Dade Product Control

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
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SERIES 100 ALUMINUM SINGLE HUNG WDW. (N.I.)

**NEW AGE WINDOWS & DOORS**  
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MEDLEY, FL. 33166  
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drawing no.  
**W95-45**

sheet 4 of 4